

Amendments to the Claims:

Claim 31 is amended and Claims 21-28 and 39-46 are canceled herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. Please enter these claims as amended. This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1-10. (Canceled)

11. (Previously Presented) An improved cathode substrate for a field emission display, comprising:
a substrate;
a cap layer disposed on said substrate;
an anti-reflective coating, with the anti-reflective coating being included within the cap layer and across an expanse of the cap layer to prevent reflection of light within the field emission display;
a conductive layer overlying said cap layer and anti-reflective coating; and
an array of emitter tips formed from said conductive layer on said cap layer with the anti-reflective coating within it.

12. (Previously Presented) An improved cathode substrate according to claim 11, wherein said substrate is a soda-lime glass.

13. (Previously Presented) An improved cathode substrate according to claim 11, wherein said cap layer is deposited on said substrate by plasma enhanced, chemical vapor deposition.

14. (Previously Presented) An improved cathode substrate according to claim 11, wherein said cap layer has a thickness in the range of 0.1 to 0.5 microns.

15. (Previously Presented) An improved cathode substrate according to claim 11, wherein said cap layer is selected from the group consisting of silicon carbide, and diamond-like carbon.

16. (Previously Presented) An improved cathode substrate according to claim 11, wherein said substrate is plastics material.

17. (Previously Presented) An improved cathode substrate according to claim 11, wherein said substrate is a non-conductive material.

18. (Previously Presented) An improved cathode substrate according to claim 11, wherein said substrate is leached prior to deposition of said cap layer.

19-30. (Canceled)

31. (Currently Amended) An improved cathode substrate for a field emission display, comprising:
a substrate;
a cap layer disposed on said substrate;
a light blocking layer, with the light blocking layer being included within the cap layer and across an expanse of the cap layer to absorb light incident thereon from within the field emission display;
a conductive layer on the light blocking layer; and
an array of emitter tips ~~formed in the conductive layer~~ on said cap layer with the light blocking layer.

32. (Previously Presented) An improved cathode substrate according to claim 31, wherein said substrate is a soda-lime glass.

33. (Previously Presented) An improved cathode substrate according to claim 31, wherein said cap layer is deposited on said substrate by plasma enhanced, chemical vapor deposition.

34. (Previously Presented) An improved cathode substrate according to claim 31, wherein said cap layer has a thickness in the range of 0.1 to 0.5 microns.

35. (Previously Presented) An improved cathode substrate according to claim 31, wherein said cap layer is selected from the group consisting of silicon dioxide, silicon nitride, silicon carbide, and diamond-like carbon.

36. (Previously Presented) An improved cathode substrate according to claim 31, wherein said substrate is plastics material.

37. (Previously Presented) An improved cathode substrate according to claim 31, wherein said substrate is a non-conductive material.

38. (Previously Presented) An improved cathode substrate according to claim 31, wherein said substrate is leached prior to deposition of said cap layer.

39-46. (Canceled)